



End-of-Course Assessments

To: Corporation Test Coordinators and School Test Coordinators

From: Michele Walker, Director of School Assessment

Date: May 30, 2007

Re: Scale Scores and State Percentiles for Core 40 End-of Course
Operational Assessments for
English 11 and Algebra I

For the Core 40 End-of-Course Assessments, a scale score (defined as 200 – 800 for Core 40 ECA tests) is used to report scores on the English 11 and Algebra I operational assessments. Because operational forms for a particular content area may vary in average difficulty (i.e. forms used for May 2006 may be slightly more difficult than the operational form used for May 2007), raw scores on the different forms are not directly comparable. However, the use of a scaled score allows test results within a content area to be interpreted the same way from year-to-year. The “passing” scores for ECAs are indicated below:

A Scaled Score of 500 or greater on the English 11 test is passing.

A Scaled Score of 579 or greater on the Algebra I test is passing.

For the second year in a row, a “scale score to state percentile” table was created that provides schools more information regarding the reported scale scores. The table was created using initial data from the 2006-2007 administration. This information may be useful for schools in analyzing previous year’s scores and considering this year’s preliminary school and corporation summary scores. Please share this information with schools in your corporation that administered the online or paper-and-pencil ECAs.

HOW TO USE THIS INFORMATION:

While scale scores can be helpful in determining growth and achievement, they are not necessarily the full picture. Scale scores indicate a measure of growth; percentile scores are comparison scores, signifying whether the measure of growth indicated by a scale score was equal to, less than, or more than what was expected when compared to the population of students having taken the test. The percentile tables provided give schools and corporations additional information to use in conjunction with the scale scores. Since a percentile is a value on a scale of one hundred that indicates the percent of students at or

below the value, it can provide the relative performance of a student in comparison to other students in his/her class, school, or corporation.

Examples:

For Algebra I, a student with a scale score of 582 passes the ECA, is at the 79th percentile, and scored higher than 79 percent of the students taking the Algebra I ECA.

For Algebra I, a student with a scale score of 518 does not pass the ECA, is at the 53rd percentile (the median), and scored higher than 53 percent of the students taking the Algebra I ECA.

For English 11, a student with a scale score of 502 passes the ECA, is at the 49th percentile, and scored higher than 49 percent of the students taking the English 11 ECA.

For English 11, a student with a scale score of 511 passes the ECA, is at the 54th percentile, (the median) and scored higher than 54 percent of the students taking the English 11 ECA.

Note: Since this table is based on actual performance, the percentile score will change each year.

Questions:

If you have questions regarding this information, please contact the IDOE at: (317) 232-9050 or eca@doe.state.in.us

Algebra I 2007		
800	100.0	Max
786	99.8	
753	99.6	
730	99.2	99%
712	98.9	
698	98.4	
686	97.8	
675	97.2	
666	96.5	
657	95.6	95%
649	94.5	
641	93.7	
634	92.8	
627	91.6	
621	90.3	90%
614	89.0	
608	87.4	
601	85.7	
595	83.8	
589	81.9	
582	79.7	
576	77.5	
569	75.1	75%
562	72.8	
556	70.0	
548	67.0	
541	63.8	
534	60.8	
526	57.4	
518	53.7	Median
509	49.9	
500	45.8	
490	41.4	
480	37.4	
469	33.5	
456	29.1	25%
442	24.6	
426	20.1	
408	16.3	
386	12.6	
356	9.3	
313	6.2	
219	3.7	
200	1.9	Min

English 11 2007		
800	100.0	Max
773	99.8	
39	99.6	
712	99.2	
688	98.4	
669	97.4	
651	96.1	95%
636	94.4	
623	92.3	
610	90.1	90%
598	87.6	
588	84.9	
577	81.8	
567	78.5	75%
557	74.7	
548	70.9	
539	66.9	
529	62.8	
520	58.6	
511	54.3	Median
502	49.8	
492	45.6	
483	41.3	
474	37.3	
464	33.4	
455	29.9	
445	26.4	25%
436	23.1	
426	20.0	
417	17.2	
407	14.8	
397	12.7	
387	10.9	
377	9.2	
367	7.7	
356	6.5	
345	5.5	
334	4.6	
322	3.8	
310	3.2	
296	2.6	
280	2.2	
260	1.5	
231	1.1	
200	0.8	Min